Broaden your HD horizons

DESKTOP PERFORMANCE AND CONVENIENCE

It all starts with a large 16.4" (diag) widescreen LCD, a full-size keyboard, and an array of useful inputs/outputs. Add to this loads of RAM, ample storage, Bluetooth® technology and a webcam and you get desktop power and convenience with the portability of a notebook.

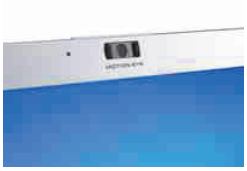
WIDER LCD WORKSPACE FOR MULTI-TASKING

A great productivity tool, the VAIO® FW notebook's extended widescreen display lets you view two documents or web sites side-by-side without tabbing back and forth. This convenient, time-saving feature typically found in larger notebooks and desktops is further complemented by XBRITE-ECO™ LCD technology, which delivers crystal-clear picture quality–even spreadsheets will look better!

MULTIMEDIA POWER

The FW notebook is ideal for those in the creative fields. The spacious 16.4" widescreen display can easily accommodate multi-display design programs, such as Adobe Photoshop (sold separately). An HDMI™ output (HDMI cable required and sold separately) allows you to output hi-def content in full 1080p HD to compatible TVs or displays. And dedicated ATI graphics will help power you through the most graphics-intensive media today.

Featuring an extra-wide 16.4"[4] XBRITE-ECO™ LCD display. Great for viewing movies[18] or two web sites side-by-side. Minimizes those annoying black bars you see when playing widescreen movies. Powered by the energy-efficient and super-powerful Centrino® 2 Processor Technology.



SONY

VGN-FW490DDB

VAIO® FW Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1, DVD Play, A/V Mode, Volume - / +, Play / Pause / Stop, WLAN / Bluetooth® on / off
Pointing Device: Electro-static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.0mm stroke and 19.05mm pitch
Camera: Built-in MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo processor P8700
Speed: 2.53GHz[1]
Front Side Bus Speed: 1066MHz
L2 Cache: 3MB
Technology: Intel® Centrino® 2 processor technology

Memory

Type: DDR2 SDRAM
Installed: 4GB PC2-6400 (2GBx2)
Maximum: 8GB
Speed: 800MHz

Hard Drive

Capacity: 320GB[2]
Speed: 5400rpm
Interface: Serial ATA

Optical Drive

CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard / Duo) media slot with MagicGate® functionality

One ExpressCard® /34 media slot

One Secure Digital (SD memory card) media slot

Audio

Sound System: Dolby Sound Room® Audio

Display

Screen Size: 16.4"[4]
Resolution: 1600 x 900
XBRITE-ECO™ Technology: Yes

Graphics

Processor: ATI Mobility Radeon™ HD 4650 with Total Available Graphics Memory of 2790MB (max.)[13]
Video RAM: 1GB dedicated Video RAM
Chipset: Mobile Intel® PM45 Express Chipset
Max. External Resolution via VGA: 2048 x 1536
Max. External Display Resolution via HDMI™ ouput/cable: 1920 x 1080[16]

Inputs and Outputs

Modem Jack: 1
Microphone Input: 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]
Headphone Output(s): 1
Ethernet Connection (s): 1
HDMI™ Output: 1[16]

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1 + EDR)[12]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/S)
Estimated Battery Life: Up to 4.0 hours[8] Standard Capacity Battery
Up to 6.0 hours[8] Large Capacity Battery
Power Requirements: 110W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Business 64-bit[14]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[11]
The VAIO® Software Experience: VAIO® Startup Assistant
VAIO® Care
VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Anti-Virus & Recovery Software: Norton Internet Security™ 2009 30-Day Trial Offer[15]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[10].
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[9]. See actual limited warranty for details.

Environmental Information

EPEAT™ : Silver
RoHS®: Compliant
ENERGY STAR®: 5.0

Dimensions

Weight: 6.9 lbs[5] (with standard capacity battery)
Measurements: 15.1"(W) x 1.14-1.46"(H) x 10.3"(D)[5,6]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS13/S)
AC Adapter
Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL13)
Additional Standard Capacity Battery (VGP-BPS13A/B)
Stick AC Adapter (VGP-AC19V30)
AC Adapter (VGP-AC19V31)
Neoprene Case (VGP-AMC7)
Classic Messenger Bag (VGP-AMB10/R)
Bluetooth® Laser Mouse[12] (VGP-BMS33/B)
Deluxe Messenger Bag (VGP-AMB11/L)
Urban Messenger Bag (VGP-AMB12)

Color: Black
UPC Code: 027242775244

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
11. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
12. Interoperability and compatibility among Bluetooth® devices vary.
13. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
14. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
15. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. You can activate in the Sony VAIO Startup Assistant or by double clicking the Norton Internet Security icon on your desktop. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
16. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
17. Broadband Internet service required along with third party services which may require a subscription or other service fee.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. This product meets Energy Star guidelines for energy efficiency. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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